AMENDMENTS TO THE CLAIMS

1.   (canceled)

2.   (**Currently amended**) The system of claim [[1]]19, wherein the <u>server communicates with the patient through a </u>patient interface <u>that </u>comprises an HTML-encoded web page.

3.   (**Currently amended**) The system of claim [[1]]19, further comprising a patient database<u> in which the patient-specific data is stored</u>, ~~including the patient-specific data~~.

4.   (**Currently amended**) The system of claim [[1]]19, further comprising a clinical trial database, <u>in which </u>~~including~~ the set of trial-specific criteria <u>is stored</u>.

Claims 5-8 (canceled)

9.   (**Currently amended**) The system of claim [[1]]19, wherein the ~~patient interface includes a series of questions~~<u>patient-specific data comprises answers to a questionnaire</u>.

10.   (**Currently amended**) The system of claim [[1]]19, further ~~comprising~~ <u>configured to send at least a portion of </u>~~instructions for coupling at least a portion of ~~the patient-specific data to the clinical trial.

11.   (**Currently amended**) The system of claim [[1]]19, wherein the match result

data comprises clinical trial contact and/or location information, and the server is

configured to send the match result data ~~further comprising instructions for~~

~~coupling a set of trial contact information~~ to the patient.

12.   (**Currently amended**)   The system of claim [[1]]19, wherein the patient-specific

data comprises at least one of ~~patient contact information,~~ disease of concern,

demographic data, drug classes of interest, prior therapies, specific drugs of

interest, years since diagnosis, stage of disease, phase of clinical trial, and

concomitant diseases.

Claims 13-16 (canceled)

17.   (**Currently amended**)   A method of recruiting a patient into a clinical trial, the

method comprising:

serving to the patient a questionnaire that includes at least one clinical trial

        eligibility question;

receiving from the patient patient-specific data that includes an answer to the at

        least one clinical trial eligibility question; ~~from a remote network device at~~

        ~~a server~~;

accessing criteria of one or more ~~than one~~ clinical trial~~s at the server; and~~

determining whether the patient-specific data satisfies the criteria of one or more

        clinical trials; ~~having criteria satisfied by the patient-specific data~~

inviting the patient to participate in a clinical trial for which the criteria have been

determined to be satisfied, if any; and

if the patient chooses to participate, registering the patient in a database.

18.   (canceled)

19.   **(New)** A computer system for recruiting a patient into a clinical trial, the system

configured as at least:

a server which:

requests patient-specific data from the patient, the patient-specific data

requested including clinical trial eligibility data;

collects the patient-specific data from the patient; and

send match result data to the patient;

a matcher responsive to the patient's clinical trial eligibility data and to trial-

specific criteria corresponding to the clinical trial to:

determine whether a match exists between the patient and the clinical trial;

and

generate the match result data; and

a security layer which:

prevents direct communication between the server and the matcher;

receives the patient-specific data from the server;

sends the patient's clinical trial eligibility data to the matcher; and

receives the match result data from the matcher and sends it to the server.

20.   (**New**) The system of claim 19, wherein the system comprises at least two computers.

21.   (**New**) The system of claim 20, wherein the security layer runs on one of the computers, and the matcher runs on another computer.

22.   (**New**) The system of claim 3, wherein the instructions for storing the patient-specific data in a patient database further comprise instructions to store the patient-specific data in the patient database only after determining whether a match exists between the patient and the clinical trial.

23.   (**New**) A method of determining whether a patient is a candidate for a clinical trial, comprising:

serving a questionnaire from a server to a patient through a patient interface;

receiving at the server patient eligibility data submitted by the patient in response to the questionnaire;

sending the patient eligibility data from the server to a security layer;

sending the patient eligibility data from the security layer to a matcher;

in the matcher:

determining whether a match exists between the patient and the clinical trial by comparing the patient eligibility data to a set of trial criteria specific for the clinical trial; and

returning match result information to the security layer;

sending to the server the match result information thus returned from the security

layer; and

serving to the patient through the patient interface the match result information

thus sent to the server.

24.   (**New**) The method of claim 23, further comprising serving clinical trial contact

and/or location information to the patient through the patient interface.

25.   (**New**) The method of claim 23, further comprising serving a registration

questionnaire to the patient through the patient interface after a match has been

determined to exist between the patient and the clinical trial.

26.   (**New**) The method of claim 25, further comprising receiving a set of registration

information from the patient.

27.   (**New**) The method of claim 26, further comprising adding the registration

information to a patient database.

28.   (**New**) The method of claim 26, further comprising sending at least part of the set

of registration information to the clinical trial.

29.   (**New**) The method of claim 23, further comprising comparing, in the matcher, the patient eligibility data to a second set of trial criteria and determining whether a match continues to exist between the patient and the clinical trial.

30.   (**New**) The method of claim 23, wherein the security layer and the matcher run on separate computers.

31.   (**New**) A method of determining whether a patient is a candidate for a clinical trial, comprising:

serving a first questionnaire from a server to a patient through a patient interface;

receiving at the server a first set of patient eligibility data submitted by the patient in response to the first questionnaire;

sending the first set of patient eligibility data from the server to a security layer;

sending the first set of patient eligibility data from the security layer to a matcher;

in the matcher:

determining whether a match exists between the patient and the plurality of clinical trials by comparing the first set of patient eligibility data to a set of generic trial criteria generic to a plurality of clinical trials; and

returning generic match result information to the security layer;

if a match exists between the patient and the plurality of clinical trials:

serving a second questionnaire from the server to the patient through the patient interface;

receiving at the server a second set of patient eligibility data submitted by

the patient in response to the second questionnaire;

sending the second set of patient eligibility data from the server to the

security layer;

sending the second set of patient eligibility data from the security layer to

the matcher;

in the matcher:

determining whether a match exists between the patient and the

one clinical trial by comparing the second set of patient

eligibility data to a set of specific trial criteria specific to

one of the plurality of clinical trials; and

returning specific match result information to the security layer;

if a match exists between the patient and the one clinical trial:

sending information about the one clinical trial from the security

layer to the server; and

serving the clinical trial information to the patient through the

patient interface.